



**OCTOBER 2021**

**VOLUME 18, ISSUE 10**

**©Radio Club of Tacoma W7DK**

## FROM THE EDITOR!

Hello again fellow members...

Well I asked, and a lot of you responded!

A HUGE thanks to Dave, W7UUU, AL N7OMS and of course our Secretary Mike W7MKE for their valuable contributions.

Dave's article is pretty big and it came from a fellow who knows his history Jim N2EY, a frequent contributor to the QRZ.com website. Unfortunately, due to the big club discussion in the meeting report, I've asked Dave to let me begin the four-part history of Amateur radio licensing to next month.

It will be worth waiting for, I can assure you.

So, on to bigger and better things... The bands have been showing signs of life: even ten and twelve meters have come alive this month. Some of the members have been participating in this bonanza! Seventeen meters has been good all summer and will probably just keep getting better.

Of course the "regular" bands are doing OK too, not just the uppers...

So the moral of this story is: get out on the bands! In this issue AL N7OMs is soliciting members who want to get into the shack at W7DK and work a few contests! Let's do exactly that OK?

So until next month; 73 es CUL!

Don't forget to vax up and mask up, both for you and your fellow members at the club!



Page 1: Editors report.

Page 2: BOD Meeting minutes.

Page 4: General meeting minutes.

Page 11 AL, N7OMS reports!  
W7OS changed hands!

Page 13: Remembering Peter Baker AD7EU.

Page 15: Contest update!

**Radio Club of Tacoma  
Board of Directors Meeting Agenda  
October 6, 2021**

**Meeting called to order** at 19:00 by President Mike W7XTZ

**Officers and Directors Present**

President	Mike Mikuchonis W7XTZ
Vice President	Adam Barbera W2NCC
Secretary	Mike Drorbaugh W7MKE
Treasurer	Steve Dightman AF7YD
Board	Bruce Hanson WE7P
Board	Paul Matney W7PFU
Board	Verna Lilly KF7SCB
Board	Red Cranefield WB7EC
Board	Phil Pia K7PIA

**Quorum?** A quorum was present and 10 members were in attendance at the clubhouse and 4 via Zoom. Attendance list is attached.

**Silent Key or Illness?** From Larry KD7VOM: The Roy Area Net regrets to inform you that Bruce Mackey, KD7UAQ, RCT member 2180 passed away on 21 September 2021 from a Covid related illness.

**Approval of Minutes** of September 1, 2021 RCT BOD meeting. Without objection, the minutes were approved as distributed via email.

**Secretary's Report (W7MKE)**

Routine stuff, Salmon Run donations, Membership renewals/ applications are trickling in. Nothing else of note to report.

**Treasurer's Report (AF7YD)**

Steve AF7YD submitted his financial report in writing and it is attached to this report. Steve went over the report and a few minor questions were clarified. Income to date is up about 8% over last year at this time.

**Committee / Reports**

**Membership (KJ7GGB/K7GRS)**

George K7GRS reported that membership stands at 274 members. The annual membership renewal letters will go out in the near future.

**Library (AD7AV)**

George K7GRS reported that Doug AD7AV was obligated as the secretary to attend another radio group so could not be present. Doug and Sue Schub KF7SOW visited with a lady who represents local museums and historical societies to establish the relationship and investigate common interests.

Plans and visions of the library: (1) Enhance our digital holdings while respecting copyrights. (2) Build relationships with local historical societies. (3) Scanning older BARK newsletters that predate available digital holdings. (4) Develop a process to temporarily include research library books into the DeMaw library so members could review them in house.

**Training (AD7AB)**

No report but Technician training is expected October 9-10.

**VE (AC7WW)**

Next training 10/12 in the clubhouse

**Info Tech and Website (WB4SPB)**

Randy WB4SPB reported all computer systems working OK. Remote access to the club NAS is available now. The BOD Meeting credentials for Zoom Meeting will be established in the member's only area.

**HF Operations (K7PIA)**

All HF stations are fully operational. See [www.contestcalendar.com](http://www.contestcalendar.com) to view upcoming radio sport. Salmon Run was successful with 801 contacts, 175,000 points and a clean sweep. VHF/UHF station is coming along but still need some rotator maintenance and possibly a different antenna. In particular the 6M setup needs work. Al N7OMS reported on some of the needed work. Patch panel jumpers seem to be ok now but we need to keep an eye on them.

**Repeater Ops (N7OMS)**

In terms of the lease, we don't need to do anything for now. We are in compliance with the new DNR guidelines and the lease is under review. For now, it appears we should be renewed. According to Camp Murray EMC director Scott Dickers RCT's Crawford repeater is important to the state's EC plan as it is the backup for the Roy area ARES. Larry KD7VOM and his group regularly use the Crawford repeater as a backup. The DNR is in the business of raising money for the state. It is our job to get them to look at us as a public service.

The club and the Bates repeater are operating normally. It appears that the kerchunking is possibly an automated signal, possibly from the Spanaway water tower.

**Facilities Management (W2NCC)**

There are squirrels in attic and Adam wants to temporarily block the holes and wait until the spring to fix the eaves properly.

**Property Management (WB7EC)**

October List for disposal was received and is attached. **Bruce WE7P moved and it was seconded** to dispose of the materials on PMT list. **Motion passed.** Red WB7EC is updating his inventories of RCT property. Income for the month of September was \$367.00

### **Museum**

There was some discussion about getting a new curator as Rich KR7W has moved away. Al N7OMS reported that W7OS is actually separate organization from W7DK and needs to remain somewhat apart from RCT. Those on the W7OS committee have talked to Dan Vacanti KD7SV about being the new curator. It appears he is interested and perhaps next week that will be decided.

### **Weds Workshop (WB4SPB)**

No program right now so stay tuned. For now, Randy is kind of planning to keep the meetings via Zoom, which precludes doing the hands on training about connectors to coax. That will have to wait for another time.

### **General Meeting (KF7SCB)**

Verna KF7SCB wanted to know if the BOD would perhaps present information on the Crawford Mountain repeater for the general membership program. Who will do? Larry KD7VOM agreed to help and suggested a review of how we got to where we are and to emphasize that Amateur radio is a SERVICE and the BOD has an opportunity to keep the general membership up-to-date. Al didn't want to try to make a prepared program by next Wednesday but he would help.

### **Unfinished Business**

#### **Status of Ad hoc committee (W7XTZ) Job done?**

Mike W7XTZ indicated that George K7GRS has graciously agreed to assume his duties re: Salmon run as Mike's work commitments are taking up more time than he anticipated. George K7GRS indicated that the business of the ad hoc committee is ongoing as Salmon Run donations are still coming in and membership and ballot mailing is coming up. George reported that Salmon Run has been very successful so far and we are within about \$800 of last year's bountiful total. You can still donate. Three donations account for about 60% of the total. Only about 10% of the membership has participated. It is possible to donate "in kind" and George is going to put out a communication about in kind donations. One can use the same Salmon Run donation form, just put in the fair value of the in kind donation. Receipts appreciated if you have them.

#### **Report of Bylaws Committee (K7GRS, AD7EU, AB7DG, W7XTZ)**

No report

### **New Business**

Nothing offered

**Activity Reports and Discussion Topics**

Steve AF7YD reported a CW contact, his first in 40 yrs. He worked WB4SPB at the club.

**Announcements**

Nothing offered

**Adjournment at: 20:19**

**Submitted by,**

**Mike Drorbaugh W7MKE**

**RCT Secretary**

---

Radio Club of Tacoma

General Meeting Agenda

October 13, 2021

**Officers and Directors Present**

President Mike Mikuchonis W7XTZ

Vice President Adam Barbera W2NCC

Secretary Mike Drorbaugh W7MKE

Treasurer Steve Dightman AF7YD

Board Bruce Hanson WE7P

Board Verna Lilly KF7SCB

Board Red Cranefield WB7EC

Board Phil Pia K7PIA

**Meeting Called to Order at: 19:00 by Mike W7XTZ.**

This meeting took place both “in person” at the RCT Clubhouse and via ZOOM. Quorum? A quorum of 10% of membership was present and 27 members were present either in person or via Zoom.

**Welcome and Acknowledgement of New Members and Visitors.**

Ernest “Ernie” Bodoh KK7ASX a recently licensed Technician from Lacey, WA visited via Zoom and was welcomed by President Mike W7XTZ .

**Health and Welfare/Silent Key & Illness** Larry Watson KD4VOM reported earlier to the BOD: The Roy Area Net regrets to inform you that Bruce Mackey, KD7UAQ, RCT member #2180 passed away on 21 September 2021 from a Covid related illness.

**Program (KF7SCB) What's Going On with RCT's Crawford Mountain Repeater?**

A Panel Discussion with:

Larry Watson KD7VOM

Mike Drorbaugh W7MKE

Al Ferguson N7OMS

Mike Mikuchonis W7XTZ

Mike W7MKE) presented the history with DNR (based on a recent ZOOM meeting with DNR. (Department of Natural Resources)

DNR: Kaerlek Janislampi – Communications Site Program Manager told

us: About 2019/20 DNR started to review their status with Amateur Radio Repeaters which led them to research original documents, purpose, finances etc. The founding authority for DNR/Amateur Radio was RCW 79.13.500 (1988) and the essential information was that DNR leases land & tower space to Amateur Operators for EMCOMM, as this role is important and the Legislature intended to reduce the rates that Amateur Operators paid for rental of these spaces as DNR is tasked with revenue income and by law cannot charge less than fair market value. Further, RCW 79.13.510 indicated that Amateur stations would pay \$100/yr. and DNR was to establish guidelines for who qualified and was to determine the fair market value of rental space so that legislature could make up the difference.

Initially, the Legislature funded the program (the difference between fair market value and Amateur Operators fee of \$100/yr.) at \$35K. This funding from the Legislature was apparently not increased over several legislative cycles and after a while that amount of money was not adequate but the DNR “borrowed” money from its other budget line items to make up shortfalls. By the 2018-2020 time frame this was just not doable anymore and DNR approached the Legislature for more money. The Legislature responded and in 2020 the Legislature funded DNR \$165K for this purpose.

Also in this timeframe DNR realized they had no written guidelines for administering the Legislature's mandate so they met with a large number of stakeholders and wrote guidelines as to who could lease repeater/tower space and what the requirements would be. Those guidelines were communicated to Amateur Operators in writing and RCT received a letter from DNR in September 2021 with these guidelines: Lease applicants must meet these qualifications:

1. Be in good standing with the Department
2. Be in good standing with the state's radio amateur civil emergency services and amateur radio emergency services organizations, or if an amateur group, sign a statement of public service.
3. Do not exceed 2 amateur radio operators per site.

4. Do not exceed 2 radio systems per applicant per site, unless approved by the Department.

Further, Applicants will not be considered for a site if any of the following apply:

1. Funds from legislative appropriation for amateur radio operators are not available. When funds are not available for all qualified applicants, applicants will be considered on a first-come-first-served basis.
2. Space is not available at a given site.
3. Two or more amateur radio operators already operate at a given site.
4. Another applicant who will pay fair market rent seeks the space. When the DNR looked at existing leases AND the extra stuff many groups had placed w/o DNR notification or new leases, they found that if all were granted as is it would take \$265K from Legislature. DNR had no way to get that and they have to live with the \$165K. Moreover a couple of the most popular sites: Capitol Peak and Large Mountain towers were overloaded by 175% and 165% so DNR felt forced to take action. Therefore, the DNR is reviewing all leases for compliance to guidelines and their responsibility to raise revenue from their trust lands.

Currently there are roughly 40 amateur leases and of those about 30 were still active or were renewed, about 10 leases are in process of review/renewal and only 2 leases were definitely not going to be renewed.

#### **RCT Lease history and status:**

- 2006 -2016 RCT had a lease for Crawford Mountain Repeater site and tower use.
- In early 2017 RCT and DNR signed a 1 year renewal at same terms as lease.
- In early 2018 RCT and DNR signed a “month to month” agreement which expired in September 2021
- In June 2021 RCT filled out a new lease application and submitted it to DNR and it is under review

Al N7OMS remarked that he has had several conversations with DNR personnel regarding the status of our lease application and indicated that:

1. RCT is in compliance with the guidelines listed above and it is likely we will be renewed.
2. We may not get a 10 year lease but we will probably get a 3 year lease and should we not get a Crawford Mountain location lease, there are other possible sites.
3. A large number of photographs of the Crawford Mountain site and repeater were then shown. Larry Watson KD4VOM offered some history of Amateur Radio and why/how we interact with the State of WA and DNR. Larry indicated the book 200M and Down: The Story of Amateur Radio told the history of how Amateur Radio retained spectrum post WWII. Amateur Radio is defined by FCC as Amateur Radio SERVICE. No government entity respects the amateur radio HOBBY! The spectrum is retained by amateurs as an emergency communication radio service

via RACES (a FEMA organization).

Secretary note: The Radio Amateur Civil Emergency Service (RACES) is an emergency radio service authorized in Part 97.407 of the Federal Communications Commission (FCC) rules and regulations governing amateur radio in the United States.

Government can in times of emergency demand that amateur operators must serve under that RACES command. ARES operates under that umbrella as a sub organization if you like of RACES. So far, RACES command has never happened. When this state was organized, the federal government gave the state land for the purpose of raising revenue. Therefore DNR looks at all its holdings for the purpose of making money for the state coffers. Thus, the DNR's requirement for "fair market value" of DNR land and tower uses, and that the use of DNR resources by amateur radio is technically for emergency use and hobby use is incidental. The ARES groups then are the primary reason for the repeaters on DNR land. They also are taking the lead on the negotiations with DNR and amateur operator facilities on DNR lands. Please do not approach the DNR as the "voice" of amateur radio! Let the emergency communications groups take the lead because if the DNR gets rid of a significant number of amateur repeaters it will have a serious ripple effect in statewide emergency communications networks. There followed a good deal of discussion and comment about possible emergency response scenarios.

#### **Officer and Committee Reports Secretary (W7MKE)**

Since last meeting only the DNR letter we discussed is significant, otherwise nothing special, routine bills, magazines, membership applications and some Salmon run donations. Treasurer (AF7YD) With the receipt of income from pledges, we have more than broken even on spending vs. income for the year.

#### **Committees Membership (K7GRS)**

Membership stands at 273 which is about average for the year.

#### **Library (AD7AV)**

LAHM committee (Library, Archives, History & Museum) will meet soon and George indicated that Doug AD7AV would share his plans and visions for the library to: (1) Enhance our digital holdings while respecting copyrights. (2) Build relationships with local historical societies. (3) Scanning older BARK newsletters that predate available digital holdings. (4) Develop a process to temporarily include a few assets at a time from the research library into the DeMaw library so members could review them in house.

#### **Training (AD7AB)**



Mike W7XTZ told the group that training has resumed in the clubhouse for technician training and 10 attended this last weekend. Dave N7HT had offered a General Class but only had one sign up so it was cancelled.

### **VE Report (AC7WW)**

John Clarke AC7WW submitted the following written report: Tuesday, October 12th your VE Team conducted three sessions serving 20 candidates. 39 exams were graded with 20 being passed. 12 Technicians joined the Amateur Service, 3 candidates passed the Tech and General exams. Two upgraded to General and 3 failed to obtain an initial License. Thanks to the following for their service and time: Leonard KA7NWF, Jan K7HTU Rich KK7VH, Stephen AD7AB, Phillip K7PIA The next scheduled test session is Tuesday, November 9th, 2021, at a time to be determined.

### **Info Tech/Website/4th Wednesday (WB4SPB)**

In the clubhouse all computer systems nominal, website seems to be up to date but Randy would appreciate being notified if you see any issues. 4th Wednesday night is still TBD, stay tuned. Please, if you have a topic you can present let Randy know as Randy is kind of running out of ideas for meetings.

**HF Operations (K7PIA)** All HF operating stations are fully operational. See [www.contestcalendar.com](http://www.contestcalendar.com) for radio sport. As far as activities we had Salmon Run last month with 801 contacts for 173K points. We got all but a couple of states and a couple of Canadian Provinces. And, we got a clean sweep, so if you pledged, look for that in your pledge letters. Al N7OMS reported on VHF/UHF: Still making decisions on the station. We may have to run another coax to the tower, the rotator is not working and we probably need to change some of the antennas to get 6M VHF and UHF. We'll need a desktop computer and monitor. So we're still working on that station to get it fully functional so that perhaps in the future we can do ECOM nets from RCT again.

### **Property Management (WB7EC)**

Red WB7EC reported that PMT took in \$367 and were trying to inventory the stuff that's come in over the last 18 months. The inventory of items for disposal is now on the website in the member's area or posted at the clubhouse. If you want to see something let PMT know and they will arrange to meet with you.

### **Update re: Salmon Run, Membership and Ballot Mailings (K7GRS)**

Last year was a banner year for Salmon Run and donations this year are about  $\frac{3}{4}$  of that total so far. You can still donate and only 10% of club members have participated. About 25% of participants choose clean sweep challenge. Salmon run is open until the end

of year. Also, you can make an in kind donation to the club. A donation that will help the club mission in some way is the key. If you spend out of pocket please let us know by filling out a (salmon run) donation form, available on the website, letting us know the dollar amount of your donation. If you have receipts, that's helpful and preferred, if not please donate with your best guess as to the fair market value of your donation. Please do fill out the donation forms as we need to know what it takes to run the club and these donations are not tracked otherwise. As for ballot mailing, the form will be finalized right after this meeting and ballots will go out before the 20th of this month.

### **Bylaws Committee Report (K7GRS, AB7DG, W7XTZ, W7PFU)**

Nothing new, we'll meet after elections and SR pledges settle down. Doug AB7DG expects to be through with review by year's end.

### **Unfinished Business Mike W7XTZ**

Reviewed the slate of candidates now available: Vice President: Adam Barbera W2NCC Secretary: Mike Drorbaugh W7MKE Board: Bruce Hanson WE7P Board: Paul Matney W7PFU Board: Doug Schafer AB7DG

President Mike W7XTZ then called for any further nominations.

Nothing heard, so nominations were closed for the 2021 elections.

### **New Business Nothing offered**

### **Member's questions for Officers or Committee Chairs**

Nothing offered .

### **Announcements**

- George K7GRS announced again that he needs to resign from his membership duties and we need a new membership chairperson.
- Mike W7XTZ reminded us that we also need a new General Meeting Program Manager as Verna can no longer do this as she's back to school for her Master's Degree. Verna indicated that it takes about 5-8 hours per program/month.
- Al N7OMS indicated that lots of equipment for Bunny Hunting has been donated if anyone wants to do it. We will need a leader but Al said he'd help but if you want to do bunny hunts, please talk to Al and he can fill you in.
- Gary WG7X our BARK editor indicated that some have asked him why no new stuff in the BARK? Well some major contributors are now gone and Gary needs some help for BARK content. Submit articles, photos, projects or whatever.

· Mike W7MKE asked those attending if they would go to the December 11th Awards Banquet to be held at the Christian Reformed Church located at 2419 E 72nd ST in Tacoma. Approximately 10-12 people indicated they would attend.

### **Tuning and Traffic**

- Walt WA7SDY indicated that with his compromised antenna at his apartment he's been able to make contacts with 30W from his apartment on the 40M noon time net.
- Steve AF7YD told us he made his first CW contact in about 50 years during Salmon Run by contacting Randy (WB4SPB) at the clubhouse W7DK.

**Adjournment** The meeting was adjourned at 20:39

Submitted by: Mike Drorbaugh W7MKE RCT Secretary

---

## **W7OS changes hands: Film at 11!**

### **Changing of the Guard**

Today, October 26th, was a special meeting of the Museum Group. Rich KR7W stepped down from the leadership role he has had for many years. He took a few minutes to explain what he believed are the tasks of curator for W7OS with some input from others. Mainly it is about being present and helping guide the group in fulfilling the W7OS mission statement. Then after asking all those in attendance for volunteers Dan KD7SV chose to commit to this leadership role.

Rich will be missed and we hope he will continue to support the group. So much has been done under his leadership and we are grateful for that. Still things march forward and I am looking forward to Dan's leadership to shape the next steps for the museum. Dan is a fan of Heathkit as am I so hopefully we will see more Heathkit green on the shelves and benches in the W7OS museum space.

Come by for a visit of this wonderful resource and stay tuned for upcoming operating events. The next event will be the Classic Exchange Phone contest starting Nov. 14th 1400z. We have yet to firm up which rigs to have on the air and who will be available. But that doesn't stop you from firing up a rig and getting on the air. Check out the rules and times for this event at [Fall 2021 CX Rules.pdf](#) ([classicexchange.org](#)) If you wish to operate from W7OS contact myself [N7OMS@msn.com](mailto:N7OMS@msn.com) or Randy [wb4spb@earthlink.net](mailto:wb4spb@earthlink.net). Until then keep those fire bottles lighting up your shack.



LEFT: RICH, KR7W, PASSING ON THE KEYS TO W7OS TO DAN KD7SV. THE TORCH HS BEEN PASSED!

BELOW, THE ENTIRE W7OS CREW FROM LEFT TO RIGHT: JAMES W7OWI, AL N7OMS, CHUCK AC7QN, RICH KR7W AND DAN KD7SV. LOOKING FORWARD TO THE NEW MANAGEMENT AND THE GREAT TRADITIONS THEY WILL CARRY ON KR7W STYLE!



# In memoriam: Peter Baker AD7EU

Peter Baker AD7EU is now a silent key but for many his gentle chuckle will be linked to many fond memories. That laugh was so distinctive that if you heard it once you would have no trouble knowing if Peter was anywhere nearby.

I knew Peter for most of my time with the Radio Club of Tacoma and was fortunate enough to spend time with him and his lifelong partner Betsy. They could be seen riding around Tacoma on their bicycles or at any of the local Tacoma events whether it was art or music or historical. Peter really loved Tacoma and was very interested in its history and local politics.

They would ride by my home and if I was in the front yard they would wave or stop for a quick word. When I saw his bicycle at the club house on Saturdays or Wednesdays for board meetings, I would be a little jealous that I didn't have his courage to ride our city streets. Will think of them when I see other bicycles pairs riding by my home for many years to come.

Peter was very interested in spreading the word about the Radio Club. He was the person at ethnic fest behind the table with a club banner telling all the benefit of the Radio Club. He was behind the anniversary event the club held for the eruption of Mount Saint Helens. And he was always in favor of anything that would get club members out into the public's view. Peter's ability to care deeply about things was one of the things that stood out about his character.

He had a fondness for older tech and out of this came his love for typewriters. One time he brought his own typewriter for Straight Key Night and was upstairs in the museum doing his best to make some CW contacts. Between laughing and visiting with the peanut gallery I'm not sure how much luck he had but was doing his best.

Peter was not one to stand back and let others do things but was going to be hands on and help anyway he could. As parliamentarian for the club, he helped guide the board and officers on the proper format to forward club business. He and Betsy brought some of the best items for the pot-lucks we had for straight key night and many made it a priority to be in line before there goodies were gone.

Peter made an impact on the Club and those around him and he will be greatly missed by many. While his passing was quiet our memories will be filled with his gentle laughter. Rest well my friend and may you have many QSOs where you are.

AI

N7OMS





Interesting contrast: Peter always loved those typewriters, but to the left you can see he is using modern technology!



## Contest update: Al N7OMS!

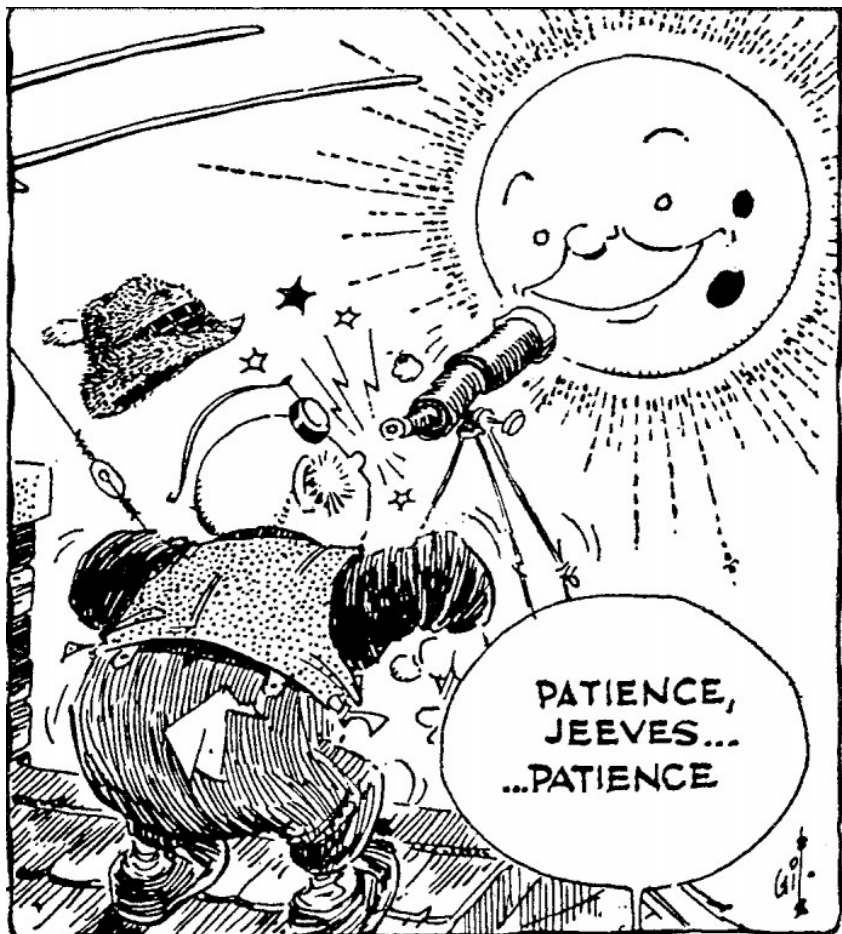
### Contest update

In the coming weeks it will be my goal to have club stations manned for some of the upcoming contests. We are in contest season and need to get both W7DK and W7OS out on the airwaves.

Two contests for Nov are Classic Exchange Phone 1400Z Nov. 14th to 0800Z Nov. 15th also 2300Z Nov 15<sup>th</sup> to 0800Z Nov. 17<sup>th</sup>.

Next up is the ARRL Sweepstakes SSB at 2100Z Nov. 20<sup>th</sup> to 0300Z Nov. 22<sup>nd</sup>.

Classic Exchange will be held in the W7OS museum and the ARRL Sweeps will be in the HF room. If you want to operate let me know at [N7oms@msn.com](mailto:N7oms@msn.com) or fire up the rigs at home.



## THE CLUB LINEUP

### CLUB OFFICERS

President: Mike Mikuchonis –W7XTZ w7xtz@w7dk.org

Vice Pres: Adam Barbera, W2NCC - w2ncc@w7dk.org

Secretary: Mike Drorbaugh W7MKE - w7mke@w7dk.org

Treasurer: Steve Dightman, AF7YD - af7yd@w7dk.org

### 5 BOARD MEMBERS

Bruce Hanson, WE7P - we7p@w7dk.org

Paul Matney, W7PFU - w7pfu@w7dk.org

Verna Lilly KF7SBC- KF7SCB@w7dk.org

Red Cranefield, WB7EC - wb7ec@w7dk.org

Phil Pia, K7PIA - k7pia@w7dk.org

THE *LOGGER'S BARK* is the *OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA*... and is published by RCT, PO Box 11188, Tacoma, WA 98411. The Radio Club of Tacoma is a non-profit corporation as defined by law. All proceeds will be used exclusively for charitable and educational purposes. The Radio Club of Tacoma's Club House is located at 1249 Washington St, Tacoma, WA 98405, phone: 253-759-2040.

### LOGGER'S BARK STAFF

Editor: Gary McAdams WG7X wg7x@w7dk.org

Contributors: The members of the Radio Club of Tacoma

ARRL Liaison: Unassigned

Send articles to: bark-editor at w7dk.org, or Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411

The Fine Print: The *Logger's Bark* is published once a month for the membership of The Radio Club of Tacoma or interested ham radio enthusiasts. The *Bark* is delivered by PDF file on the club's website: [www.w7dk.org](http://www.w7dk.org).

Permission is granted to use any or all portions of articles published in The *Logger's Bark* if a credit line is included in the article. Please seek permission from the original writer also.

**MEMBERSHIP INFO:** FULL (licensed) and ASSOCIATE (non licensed) membership is \$35 per calendar year or \$30 for Licensed Seniors (65 and over). Licensed family members at same address pay \$20 each for the first two and are free for the third, fourth, and so on. Full-time students, licensed or non licensed, up to age 25 are \$20 per year. Note: fees are applicable for the calendar year: Jan to Dec. Lifetime membership is 20 times the yearly fee you are eligible for. Lifetime memberships are calculated based on the FULL and ASSOCIATE rates.

[www.w7dk.org](http://www.w7dk.org) [LINK] - For the latest and most current information on events and activities, visit the Radio Club of Tacoma Website.

### RADIO CLUB REPEATERS

Central Tacoma: 147.280 + PL=103.5

Crawford Mountain 147.380 + PL=103.5 (E of Olympia © 1500 ft ASL)

Central Tacoma: 440.625 + PL=103.5

North Tacoma: 145.21 – PL=141.3